



Animal and Plant
Health Inspection
Service

Veterinary Services

Center for Veterinary
Biologics

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CENTER FOR VETERINARY BIOLOGICS NOTICE NO. 24-06

TO: Biologics Licensees, Permittees, and Applicants
Directors, Center for Veterinary Biologics
Veterinary Services Leadership Team

FROM: Dr. Geetha Srinivas, Director
Center for Veterinary Biologics

SUBJECT: Availability of Genetic Sequence and Isolate

I. PURPOSE

The purpose of this Notice is to furnish interested parties with the genomic sequence from the recent H5 clade 2.3.4.4b highly pathogenic avian influenza (HPAI) virus. This Notice also informs interested parties that the isolate is available for purchase from the National Veterinary Services Laboratories (NVSL) only to entities approved and registered for HPAI virus with the Federal Select Agent Program (FSAP).

II. BACKGROUND

This was developed in response to the recent emergent issue in dairy cattle. Please refer to [Highly Pathogenic Avian Influenza \(HPAI\) Detections in Livestock | Animal and Plant Health Inspection Service \(usda.gov\)](#)

III. ACTION (or POLICY)

Veterinary Services can share the genomic sequence and isolate availability due to collaboration from our National Animal Health Laboratory Network (NAHLN), including Texas A&M Veterinary Medical Diagnostic Laboratory and other Texas State animal health partners, the Animal Health Diagnostic Center at Cornell University, and the Iowa State University Veterinary Diagnostic Laboratory, to encourage disease research and development to benefit the U.S. dairy industry.

No Material Transfer Agreement will be required; however, as above, the material may only be transferred under FSAP procedures (i.e., a [Form 2](#) shipment) to a registered entity. Associated fees for the isolate and shipment under FSAP guidelines will be borne by the requestor. This isolate is not a pre-tested Master Seed; it is being made available for research and development.

Available isolate:

CENTER FOR VETERINARY BIOLOGICS NOTICE NO. 24-06

Page 2

- A/dairy cattle/Texas/24-008749-002/2024 HPAI H5N1 clade 2.3.4.4b (GenoFlu genotype B3.13)

Biologics firms that wish to obtain samples of these isolates for research purposes should:

- A. Contact the NVSL Diagnostic Virology Laboratory at NVSL.DVL.Comm@usda.gov for guidance regarding the appropriate forms and payments to submit.
- B. Submit the completed forms and the payment associated with the order by one of the following methods:
 1. Mail: NVSL User Fees, Box 844, Ames, Iowa 50010
 2. Email: NVSL_concerns@usda.gov

IV. IMPLEMENTATION/ APPLICABILITY

The isolate is available from NVSL as of the time of posting and the sequence has been uploaded to GISAID <https://gisaid.org/> under isolate EPI_ISL_19032063.